

Title (en)
SUSTAINED RELEASE FORMULATIONS

Title (de)
FORMULIERUNGEN MIT VERZÖGERTER FREISETZUNG

Title (fr)
FORMULATIONS À LIBÉRATION CONTINUE

Publication
EP 1750683 B1 20130109 (EN)

Application
EP 05742315 A 20050425

Priority
• US 2005014254 W 20050425
• US 56524704 P 20040423

Abstract (en)
[origin: WO2005105057A1] The present invention relates broadly to the field of sustained release formulations. More specifically, the invention describes compositions and methods relating to formulating proteins and/or peptides with purified gallic acid esters. In one example, the gallic acid ester is PentaGalloylGlucose (PGG) and in another example the gallic acid ester is epigallocatechin gallate (EGCG).

IPC 8 full level
A61K 9/00 (2006.01); **A61K 9/22** (2006.01); **A61K 9/52** (2006.01); **A61K 38/00** (2006.01); **A61K 38/08** (2019.01); **A61K 47/48** (2006.01)

CPC (source: EP KR US)
A61K 38/08 (2013.01 - EP KR US); **A61K 45/06** (2013.01 - EP US); **A61K 47/54** (2017.07 - EP KR US); **A61P 43/00** (2017.12 - EP);
A61K 9/0019 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005105057 A1 20051110; AU 2005237542 A1 20051110; AU 2005237542 B2 20091217; CA 2563185 A1 20051110;
CA 2563185 C 20100420; CN 103920162 A 20140716; CN 103920162 B 20170711; CN 1997356 A 20070711; DK 1750683 T3 20130415;
EP 1750683 A1 20070214; EP 1750683 B1 20130109; ES 2400687 T3 20130411; HK 1103023 A1 20071214; HK 1200092 A1 20150731;
IL 178596 A0 20070211; IL 178596 A 20120628; JP 2007534698 A 20071129; JP 2012036194 A 20120223; JP 2012046520 A 20120308;
JP 5036533 B2 20120926; JP 5829870 B2 20151209; KR 101201638 B1 20121115; KR 20070026457 A 20070308; PL 1750683 T3 20130531;
PT 1750683 E 20130125; SI 1750683 T1 20130430; US 2005271722 A1 20051208; US 2007292506 A1 20071220; US 7323169 B2 20080129;
US 7732399 B2 20100608; ZA 200609401 B 20080528

DOCDB simple family (application)
US 2005014254 W 20050425; AU 2005237542 A 20050425; CA 2563185 A 20050425; CN 200580012459 A 20050425;
CN 201410023256 A 20050425; DK 05742315 T 20050425; EP 05742315 A 20050425; ES 05742315 T 20050425; HK 07108780 A 20070813;
HK 15100510 A 20150116; IL 17859606 A 20061015; JP 2007509735 A 20050425; JP 2011196883 A 20110909; JP 2011196884 A 20110909;
KR 20067021346 A 20050425; PL 05742315 T 20050425; PT 05742315 T 20050425; SI 200531678 T 20050425; US 11447305 A 20050425;
US 84798407 A 20070830; ZA 200609401 A 20061113